2450

Additional Handwritten
see separate sheet

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2450	032	04	02	74	27AE	3602	7537

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0011	10	—	19	998	N	SW	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	OC	SA	F	FT	151	—	13	22

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00075	0004	—	00005

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 02′	75° 37′	1508	2992	11		1240	1241
							PU	ON
FINISH	36° 01′	75° 35′	1503	2988	10		1303	1307

LENGTH WARP	SHIFT RPM	PITCH	GEAR DATA:
100	1300/2/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Recorded on Ross

OBSERVATIONS

Alosids – positive

P. dentatus – 2

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R/V DAN MOORE SPECIES LIST

STATION NUMBER 2450 DATE April 2 1974 Biologists ~~IDENTIFIED BY~~ BFH ABP

TOTAL CATCH WT. ca 75 SUBSAMPLE WT. - NO. BASKETS -

Air 19°C Surf 10° FF: 75 C: 2 M: - O: 5

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
Alosids +		15	Small; Subsampled; Tagged only 6
Rock -			
Sturgeon -			
P. dentatus +	2	6	1 adult, 19mm (Kept)
Scophthalmous aquosus	1	<1	
Scomber scombrus	Few	2	
Squalus acanthias	7-10	50	
Peprilus triacanthus	Few	5	
Lophius americanus	1	10	
Raja eglanteria	1	3	
Cancer irroratus	Few	1	
Libinia	Few	1	
Loligo pealei	Few	5	

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

Length-frequency distribution

Species: P. dentatus

Station: 2450

Date:

Locality: 1

T.L.	♀	T.L.
100 - 109.9		600 -
110 -		610 -
120 -		620 -
130 -		630 -
140 -		640 -
150 -		650 -
160 -		660 -
170 -		670 -
180 -		680 -
190 -		690 -
200 -		700 -
210 -	1	710 -
220 -		720 -
230 -		730 -
240 -		740 -
250 -		750 -
260 -		
270 -		
280 -		
290 -		♀ = 2
300 -		
310 -		
320 -		
330 -		
340 -		
350 -		
360 -		
370 -		
380 -		
390 -		
400 -		
410 -		
420 -	1	
430 -		
440 -		
450 -		
460 -		
470 -		
480 -		
490 -		
500 -		
510 -		
520 -		
530 -		
540 -		
550 -		
560 -		
570 -		
580 -		
590 -		

American Shad

STATION	DATE	FL (cm)	WEIGHT (KG)	SEX	SCALES	Age	Spawning Marks	STAGE	Am Shad #
2395 ✓	2-7-74	45.0	3½ lbs	♂	✓	5A+=6	0	—	1
〃	〃	42.7	3 1/4	♀	✓	3A-2+=6	2	III	2
		2/87.7							
2424 ✓	3/14/74	14.2	–	♂	✓	2A+=3	0	Imm	3
〃	3/14/74	14.5	–	♂	✓	2A+=3		Imm.	4
		2/28.7							
2450 ✓	4/2/74	1/12.7	22g	♂	✓	1A+=2		1mm	5
2418 ✓	3/12/74	12.8	24g	–	–	–	–	–	6
		14.5	34g	♂	–	–	–	1mm	7
		13.0	24g	♀	–	–	–	〃	8
		14.8	40g	♂	✓	2A+=3	0	〃	9
		13.7	30g	–	–	–	–	–	10
		13.8	30g	♀	–	–	–	1mm.	11
		13.4	28g	♂	✓	1A+=2	0	〃	12
		14.5	34g	♂	–	–	–	〃	13
		11.8	20g	–	–	–	–	–	14
		13.5	28g	–	–	–	–	–	15
		13.5	28g	♀	✓	1A+=2	0	1mm.	16
		13.8	32g	♀	–	–	–	〃	17
		13.0	22g	–	–	–	–	–	18
		12.5	25g	–	–	–	–	–	19
		13.7	30g	♀	–	–	–	1mm.	20
		16.0	54g	♂	–	–	–	〃	21
		14.0	30g	♀	–	–	–	〃	22
		13.0	30g	♂	–	–	–	〃	23
		13.0	24g	–	–	–	–	–	24
		15.0	38g	–	–	–	–	–	25
2418	3/12/74	13.0	26g	–	–	–	–	–	26
		21/286.3							
2419 ✓	3/12/74	1/11.8	20g	♂	–	–	–	1mm	27

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
										Wt. g.
4-1	460	♀	✓	✓				VIII	2459	— 15.8 g Area I
4-2	212	♀	—	—				I	"	160 April 1974
4-3	450	♀	✓	✓				VII	2451	— *8.4 g Area I
4-4	527	♀	✓	✓				III	"	— *14.6 (II?) April 1974
4-5	269	♂	✓	—				—	2481	190 Area II
4-6	249	♀	✓	—				I	"	155 April 1974
4-7	248	♀	✓	—				I	"	150
4-8	264	♀	✓	—				I	"	160
4-9	250	♀	✓	—				I	"	150
4-10	240	♀	✓	—				I	"	135
4-11	256	♀	✓	—				I	"	170
4-12	263	♂	✓	—				—	"	190
4-13	228	♀	✓	—				I	"	110
4-14	225	♀	✓	—				I	"	120
4-15	242	♀	✓	—				I	"	145
4-16	235	♀	✓	—				I	"	135
4-17	231	♂	✓	—				—	"	125
4-18	234	♀	✓	—				I	"	135
4-19	261	♀	✓	—				I	"	185
4-20	240	♂	✓	—				—	"	155
4-21	237	♂	—	—				—	"	135
4-22	215	♀	✓	—				I	"	100
4-23	253	♀	✓	—				I	"	160
4-24	226	♀	✓	—				I	"	115
4-25	253	♂	✓	—				—	"	170
4-26	341	♂	✓	—				—	"	385
4-27	264	♀	✓	—				I	"	175
4-28	258	♀	✓	—				I	"	190
4-29	257	♀	✓	—				I	"	165
4-30	237	♀	✓	—				I	"	140
4-31	257	♂	✓	—				—	"	175
4-32	233	♀	✓	—				I	"	135
4-33	267	♀	✓	—				I	"	195
4-34	248	♀	✓	—				I	"	160
4-35	257	♂	✓	—				—	"	170
4-36	249	♀	✓	—				I	"	150
4-37	252	♀	✓	—				I	"	165
4-38	268	♀	✓	—				I	"	195
4-39	221	♀	✓	—				I	"	120
4-40	263	♀	✓	—				I	"	170
4-41	212	♂	✓	—				—	"	110
4-42	258	♀	✓	—				I	"	170
4-43	232	♀	✓	—				I	"	150
4-44	346	♂	✓	—				—	"	410
4-45	211	♂	✓	—				—	"	105
4-46	257	♀	—	—				I	"	180
4-47	239	♀	✓	—				I	"	145
4-48	234	♀	✓	—				I	"	140

(48)

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